

ance value of the texture feature values for verification sections corresponding to the object.

31. The method of claim **1** wherein calculating the texture property value for each object comprises generating a mean value and a variance value of the texture feature values for verification sections corresponding to the object.

32. The method of claim **1** wherein the texture feature map is a gray level feature map having gray levels as the texture feature value for each verification section.

33. The method of claim **1** wherein the texture feature map is a contrast feature map having contrast values as the texture feature value for each verification section.

34. The method of claim **1** wherein the texture feature map is a halftone feature map having halftone values as the texture feature value for each verification section.

35. The method of claim **1** wherein calculating the texture property value for each object further comprises utilizing a second texture feature map having a second texture feature value for each verification section.

36. The method of claim **35** wherein the second texture feature map is a gray level feature map having gray levels as the second texture feature value for each verification section.

37. The method of claim **35** wherein the second texture feature map is a contrast feature map having contrast values as the second texture feature value for each verification section.

38. The method of claim **35** wherein the second texture feature map is a halftone feature map having halftone values as the second texture feature value for each verification section.

39. The method of claim **1** wherein calculating the shape property value for each object comprises determining an area of the object.

40. The method of claim **39** further comprising utilizing four corners of the object to determine the area of the object.

41. The method of claim **1** wherein calculating the shape property value for each object comprises determining a distance between center points of two different diagonal lines within the object.

42. The method of claim **1** wherein calculating the shape property value for each object comprises determining lengths of two parallel lines within the object.

43. The method of claim **1** wherein calculating the shape property value for each object comprises determining an inner product using four angles within the object.

44. The method of claim **1** wherein calculating the shape property value for each object comprises determining a ratio of a width of the object and a height of the object.

45. The method of claim **1** wherein the first predetermined range corresponds to valid texture property values of valid monetary banknotes.

46. The method of claim **1** wherein the second predetermined range corresponds to valid shape property values of valid monetary banknotes.

47. The method of claim **1** wherein the valid monetary banknote is of United States of America currency.

48. The method of claim **1** wherein the valid monetary banknote is of Japan currency.

49. The method of claim **1** wherein the plurality of verification sections are a plurality of blocks.

50. The method of claim **1** wherein the verification sections are overlapping.

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